Recombinant Rat Cd52 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. Cd52-7479RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Rat Cd52 (Q63064) (Met1-Ala69), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Rat
Source	HEK293
ProteinLength	287
Form	Lyophilized
Molecular Mass	The recombinant rat CD52/Fc is a disulfide-linked homodimer. The reduced monomer comprises 287 amino acids and has a predicted molecular mass of 31.4 kDa. The apparent molecular mass of the protein is approximately 53 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Cd52 CD52 antigen [Rattus norvegicus]
Official Symbol	Cd52
Gene ID	117054
mRNA Refseq	NM_053983
Protein Refseq	NP_446435

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